



13281 U.S. PTO

KUD-C413

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
Washington, D.C. 20231



Sir:

Transmitted herewith for filing is the (X) utility, () design, () plant patent application of:

INVENTORS: Keiichi TAKANASHI and Nobumitsu TAKASE

For: DEVICE AND METHOD FOR MEASURING POSITION OF LIQUID
SURFACE OF MELT IN SINGLE-CRYSTAL-GROWING APPARATUS

Enclosed are:

(X) 27 pages of specification

(X) Abstract

(X) Oath or Declaration

(X) Power of Attorney

6 Sheets of (X) formal () informal drawings

(X) An assignment of the application to: SUMITOMO MITSUBISHI
SILICON CORPORATION

() Preliminary Amendment

() Information Disclosure Statement

() Change of Address

(X) Assignment Cover Sheet

() Petition to Make Special Under 37 CFR 1.102(c)

() Applicant is entitled to Small Entity Status



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The filing fee is calculated as follows:

Basic Fee	Number Filed	Number Extra	Large Entity	Small Entity	Amount
Utility	XXX	XXX	\$ 770.00	\$ 385.00	\$ 770.00
Design	XXX	XXX	\$ 340.00	\$ 170.00	
Plant	XXX	XXX	\$ 530.00	\$ 265.00	
Total Claims	10 - 20 =	0	x \$18.00	X \$9.00	
Independent Claims	2-3 =	0	x \$86.00	x \$ 43.00	
Multiple Dependency			\$ 290.00	\$ 145.00	
Late Fee Surcharge			\$ 130.00	\$ 65.00	
Assignment Recordation			\$ 40.00		40.00
TOTAL FEE					\$ 810.00

() A check in the amount of \$.00 to cover the filing fee is enclosed.

(X) A credit card payment form for the \$810.00 fee is enclosed herewith.

() Please charge Deposit Account No. in the amount of

() This application is filed under the provisions of 37 CFR 1.53 and does not include:

() Oath or Declaration

() Filing Fee

(X) The Commissioner is hereby authorized to charge payment of the following fees or credit any overpayment to Deposit Account No. 12-2174. A duplicate copy of this sheet is enclosed.

(X) Any additional filing fees required under 37 CFR 1.16.

(X) Any patent application processing fees under 37 CFR 1.17.

() The Issue Fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

(X) Priority is claimed under 35 USC 119 based on the following:

<u>Serial No.</u>	<u>Country</u>	<u>Date</u>
127968	Japan	06 May 2003

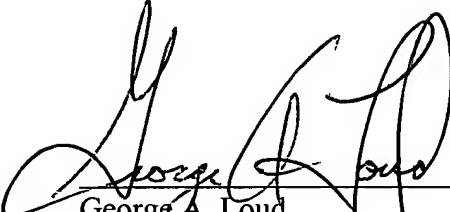
() Certified copy enclosed.

() Priority is claimed under 35 USC 119(e) based on the following U.S. Provisional Application:

<u>Serial No.</u>	<u>Filing Date</u>
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() Priority is claimed under 35 USC 120 based on the following:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
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George A. Loud
Reg. No. 25,814

Dated: April 13, 2004

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